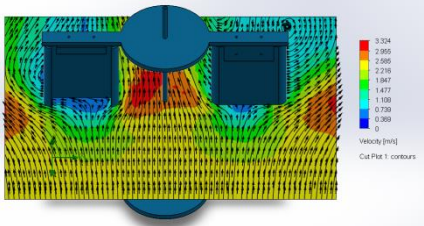
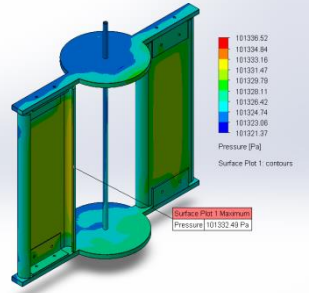
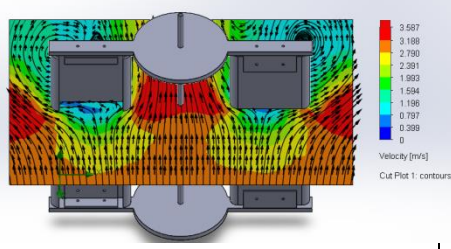
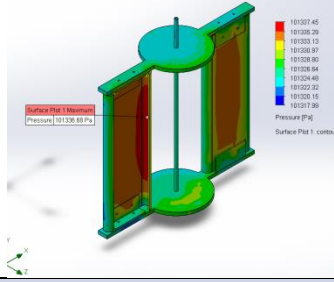
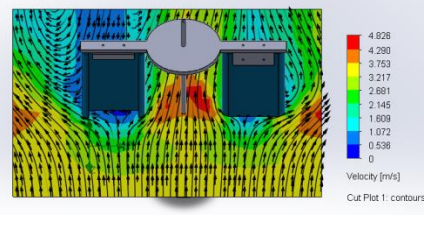
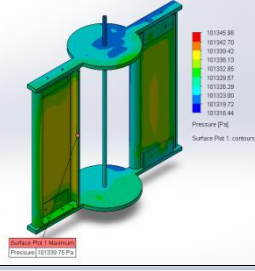
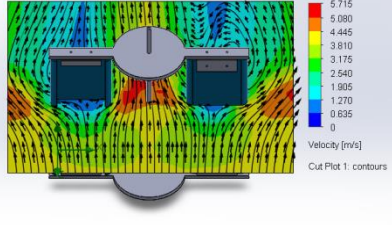
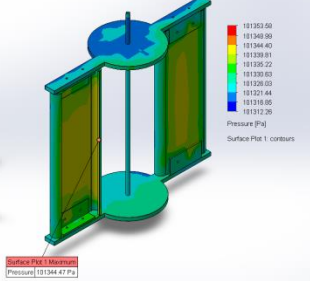
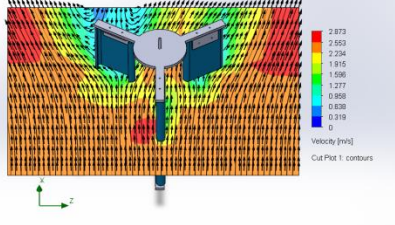
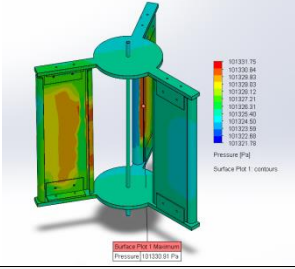
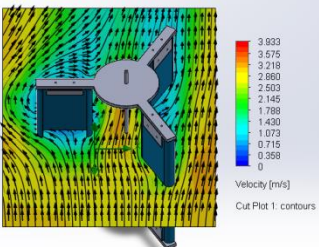
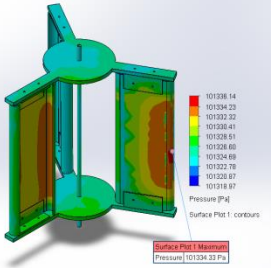
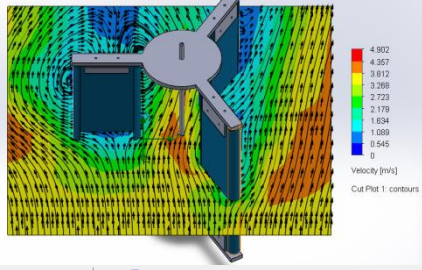
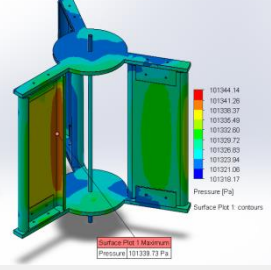
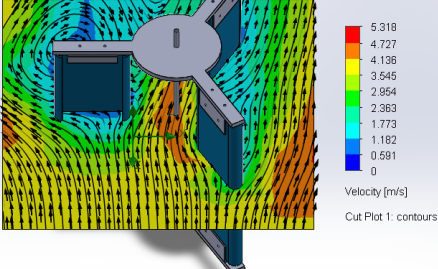
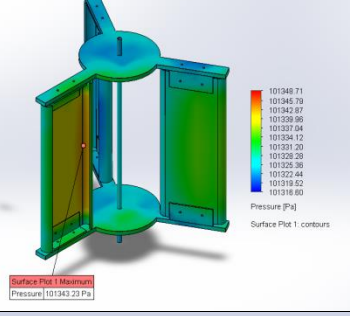










## LAMPIRAN HASIL CFD (COMPUTATIONAL FLUID DYNAMICS)









Variasi kecepatan Angin	Hasil simulasi 2 sudu																															
	Velocity	Pressure																														
<b>2,5 m/s</b>																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="10" style="text-align: left;">Summary</th> </tr> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>2.235</td> <td>2.241</td> <td>2.235</td> <td>2.256</td> <td>100</td> <td>Yes</td> <td>0.021</td> <td>0.024</td> </tr> </tbody> </table>			Summary										Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	2.235	2.241	2.235	2.256	100	Yes	0.021	0.024
Summary																																
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria																							
GG Average Velocity 2	[m/s]	2.235	2.241	2.235	2.256	100	Yes	0.021	0.024																							
<b>3 m/s</b>																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="10" style="text-align: left;">Summary</th> </tr> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>2.454</td> <td>2.465</td> <td>2.453</td> <td>2.497</td> <td>100</td> <td>Yes</td> <td>0.044</td> <td>0.050</td> </tr> </tbody> </table>			Summary										Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	2.454	2.465	2.453	2.497	100	Yes	0.044	0.050
Summary																																
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria																							
GG Average Velocity 2	[m/s]	2.454	2.465	2.453	2.497	100	Yes	0.044	0.050																							
<b>3,5 m/s</b>																																
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Summary																																
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria																							
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Summary																																
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria																							
GG Average Velocity 2	[m/s]	3.567	3.557	3.534	3.576	100	Yes	0.041	0.044																							

Variasi kecepatan Angin	Hasil simulasi 3 sudu																				
	Velocity	Pressure																			
2,5 m/s																					
	<p>Summary</p> <table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>2.376</td> <td>2.373</td> <td>2.368</td> <td>2.381</td> <td>100</td> <td>Yes</td> <td>0.014</td> <td>0.015</td> </tr> </tbody> </table>		Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	2.376	2.373	2.368	2.381	100	Yes	0.014
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria												
GG Average Velocity 2	[m/s]	2.376	2.373	2.368	2.381	100	Yes	0.014	0.015												
3 m/s																					
	<p>Summary</p> <table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>2.445</td> <td>2.455</td> <td>2.444</td> <td>2.496</td> <td>100</td> <td>Yes</td> <td>0.052</td> <td>0.063</td> </tr> </tbody> </table>		Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	2.445	2.455	2.444	2.496	100	Yes	0.052
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria												
GG Average Velocity 2	[m/s]	2.445	2.455	2.444	2.496	100	Yes	0.052	0.063												
3,5 m/s																					
	<p>Summary</p> <table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>3.152</td> <td>3.165</td> <td>3.152</td> <td>3.186</td> <td>100</td> <td>Yes</td> <td>0.034</td> <td>0.036</td> </tr> </tbody> </table>		Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	3.152	3.165	3.152	3.186	100	Yes	0.034
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria												
GG Average Velocity 2	[m/s]	3.152	3.165	3.152	3.186	100	Yes	0.034	0.036												
4 m/s																					
	<p>Summary</p> <table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>3.470</td> <td>3.492</td> <td>3.470</td> <td>3.522</td> <td>100</td> <td>Yes</td> <td>0.052</td> <td>0.053</td> </tr> </tbody> </table>		Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	3.470	3.492	3.470	3.522	100	Yes	0.052
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria												
GG Average Velocity 2	[m/s]	3.470	3.492	3.470	3.522	100	Yes	0.052	0.053												

Variasi Kecepatan angin	Hasil simulasi 4 sudu																					
	Velocity	prssure																				
2,5 m/s																						
<table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>1.923</td> <td>1.933</td> <td>1.922</td> <td>1.971</td> <td>100</td> <td>Yes</td> <td>0.049</td> <td>0.055</td> </tr> </tbody> </table>			Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	1.923	1.933	1.922	1.971	100	Yes	0.049	0.055
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria													
GG Average Velocity 2	[m/s]	1.923	1.933	1.922	1.971	100	Yes	0.049	0.055													
3 m/s																						
<table border="1"> <thead> <tr> <th>Goal Name</th> <th>Unit</th> <th>Value</th> <th>Averaged Value</th> <th>Minimum Value</th> <th>Maximum Value</th> <th>Progress [%]</th> <th>Use In Convergence</th> <th>Delta</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>GG Average Velocity 2</td> <td>[m/s]</td> <td>2.390</td> <td>2.396</td> <td>2.390</td> <td>2.419</td> <td>100</td> <td>Yes</td> <td>0.029</td> <td>0.054</td> </tr> </tbody> </table>			Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria	GG Average Velocity 2	[m/s]	2.390	2.396	2.390	2.419	100	Yes	0.029	0.054
Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria													
GG Average Velocity 2	[m/s]	2.390	2.396	2.390	2.419	100	Yes	0.029	0.054													
3,5 m/s																						
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Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria													
GG Average Velocity 2	[m/s]	2.680	2.684	2.680	2.688	100	Yes	0.008	0.081													
4 m/s																						
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Goal Name	Unit	Value	Averaged Value	Minimum Value	Maximum Value	Progress [%]	Use In Convergence	Delta	Criteria													
GG Average Velocity 2	[m/s]	3.113	3.119	3.110	3.157	100	Yes	0.046	0.004													

**LAMPIRAN HASIL PENGUJIAN VOLTAGE DAN AMPERE**

Variasi Kecepatan Angin	Hasil Pengujian Turbin Angin 4 Sudu	
	Voltage	Ampere
2,5 m/s		
3 m/s		
3,5 m/s		
4 m/s		

Variasi Kecepatan angin	Hasil Pengujian Turbin Angin 3 Sudu	
	Voltage	Ampere
2,5 m/s		
3 m/s		
3,5 m/s		
4 m/s		

<u>Variasi Kecepatan Angin</u>	<u>Hasil Pengujian Turbin Angin 2 Sudu</u>	
	<u>Voltage</u>	<u>Ampere</u>
<u>2,5 m/s</u>		
<u>3 m/s</u>		
<u>3,5 m/s</u>		
<u>4 m/s</u>		



### PELAKSANAAN REVISI LAPORAN SKRIPSI

Mahasiswa berikut,

Nama : Risco Meidian Pratama  
NIM : 0619402102280  
Jurusan/Program Studi : Teknik Mesin/D-IV Teknik Mesin Produksi dan Perawatan  
Judul Laporan Skripsi : Perancangan Turbin Angin Sumbu Vertikal Sebagai Pembangkit Listrik (Skala Laboratorium)

Telah melaksanakan revisi terhadap Laporan Skripsi yang diseminarkan pada hari kamis tanggal 4 Agustus 2023.  
Pelaksanaan revisi terhadap Laporan Skripsi tersebut telah disetujui oleh Dosen Penilai yang memberikan revisi:

No.	Komentar	Nama Dosen Penilai *	Tanggal	Tanda Tangan
	Anda minor, Acc	Elita Sundari, S.T., MT	4/8/2023	
	Selasai direvisi	Ahmad Jumadi, S.T., MT	30/8/23	
	ACC	Alexandria Anwar Sani, S.Pd., M.Eng	24/08/2023	

Palembang, 4 September 2023

Penilai,

(Elita Sundari, S.T., MT)  
NIP. 198103263005012003

catatan:

- \* Dosen penilai yang memberikan revisi saat sidang laporan skripsi.
  - \*\* Dosen penilai yang ditugaskan sebagai Ketua Penilai saat laporan skripsi.
- Lembaran pelaksanaan revisi ini harus dilampirkan dalam Laporan skripsi.

